

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/IB2004/051931

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02F1/1333 G02F1/1362 G02F1/1345 H05K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02F H05K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/45160 A (KONINKL PHILIPS ELECTRONICS NV) 6 June 2002 (2002-06-06) cited in the application the whole document	1, 3, 4, 6-11, 13, 18
X	US 2002/067456 A1 (TATSUMI HIRONOBU) 6 June 2002 (2002-06-06) the whole document	1, 2, 6, 8-10, 12, 14-20
X	US 2002/130614 A1 (HUITEMA HJALMAR EDZER AYCO ET AL) 19 September 2002 (2002-09-19) the whole document	1, 3, 5-10, 12, 17, 18
X	EP 1 189 097 A (ALPS ELECTRIC CO LTD) 20 March 2002 (2002-03-20) the whole document	1, 3, 5-7, 13, 17
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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

9 December 2004

Date of mailing of the international search report

22/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Ammerlaan, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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